Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 24 Oct 2023 until 23:59 on Wednesday 25 Oct 2023

Forecast Issued on Monday 23 Oct 2023 at 12:16

Confidence: High confidence for generally unsettled and changeable conditions through this period. Day-to-day details for cloud and rain are less certain at this stage so please keep up to date with the forecast.

Headline for Tuesday 24 Oct 2023: Outbreaks of rain becoming lighter through the afternoon. Extensive low cloud.

Mountain weather hazards on Tuesday 24 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Fog	Fog	Fog
Precipitation probability							
70%	80%	80%	80%	80%	60%	30%	20%

Forecast for Tuesday 24 Oct 2023

Weather: Cloudy and misty with spells of rain, heavy at times but becoming lighter from around mid-afternoon. Rain mostly dying out but some drizzly outbreaks continuing into the evening.

Chance of cloud-free hill tops above 600m: 10%.

Low cloud and visibility: Areas of cloud and fog above 300 or 400m, but bases lifting to around 500 or 600m for a time in the afternoon. Away from low cloud, visibility rather hazy, often falling to a few kilometres at times in rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 24 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 E	13/17 E	12/17 NE	11/16 NE	13/17 NE	10/15 NE	8/11 N	8/12 N	7/9 NW
300	8/14 E	7/11 NE	8/14 NE	6/10 N	8/12 N	5/9 N	4/8 NE	4/6 NW	4/6 W
Valley	7/14 E	7/15 E	7/17 E	5/11 N	6/11 N	5/13 NE	4/10 NE	4/9 NE	3/8 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	6/3	6/3	6/3	6/3	7/4	6/3	5/3	4/2
300	9/7	9/7	8/6	8/7	9/7	9/8	8/7	7/6	7/6
Valley	10/8	9/8	9/7	9/8	9/8	10/8	8/8	8/7	7/6
Freezing Level*	1700m	1700m	1700m	1700m	1800m	1700m	1700m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rivers and streams will still be high following recent heavy rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 23 Oct 2023	N/A	N/A	N/A

Forecast for Wednesday 25 Oct 2023

Weather: A rather cloudy and misty night and start to the morning. A mostly dry day with some bright spells developing as low cloud slowly lifts but a chance of one or two showers. Thicker cloud and rain will spread in from the southwest during in the evening.

Maximum wind: East or SE 10 to 15mph.

Chance of cloud-free hill tops above 600m: 20% becoming 70% by afternoon.

Low cloud and visibility: Areas of cloud and fog above 300 or 400m in the morning. This slowly lifting and breaking with good visibility by the afternoon.

Temperature: **Valleys:** Plus 7C rising to 12 or 13C.
At 600m: Plus 4C rising to 8C.
Freezing level: Above summits.

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